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1 An intelligent page store for concurrent transaction and query processing
Dias, D.M.; Goyal, A.; Parr, F.N.;

 Research Issues on Data Engineering, 1992: Transaction and Query Processing
 Second International Workshop on , 2-3 Feb. 1992

Pages:12 - 19

[\[Abstract\]](#) [\[PDF Full-Text \(748 KB\)\]](#) **IEEE CNF**
2 Concurrency control and view notification algorithms for collaborative replicated objects
Strom, R.; Banavar, G.; Miller, K.; Prakash, A.; Ward, M.;

Computers, IEEE Transactions on , Volume: 47 , Issue: 4 , April 1998

Pages:458 - 471

[\[Abstract\]](#) [\[PDF Full-Text \(580 KB\)\]](#) **IEEE JNL**
3 Unitary ESPRIT: how to obtain increased estimation accuracy with a reduced computational burden
Haardt, M.; Nossék, J.A.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 43 , Issue: 5 , May 1995

Pages:1232 - 1242

[\[Abstract\]](#) [\[PDF Full-Text \(888 KB\)\]](#) **IEEE JNL**
4 Concurrency control and view notification algorithms for collaborative replicated objects
Strom, R.; Banavar, G.; Miller, K.; Prakash, A.; Ward, M.;

Distributed Computing Systems, 1997., Proceedings of the 17th International

Conference on , 27-30 May 1997
Pages:194 - 203

[\[Abstract\]](#) [\[PDF Full-Text \(1036 KB\)\]](#) [IEEE CNF](#)

5 Who links to whom: mining linkage between Web sites

Bharat, K.; Bay-Wei Chang; Henzinger, M.; Ruhl, M.;

Data Mining, 2001. ICDM 2001, Proceedings IEEE International Conference on
Nov.-2 Dec. 2001

Pages:51 - 58

[\[Abstract\]](#) [\[PDF Full-Text \(775 KB\)\]](#) **IEEE CNE**

6 Wait-free snapshots in real-time systems: algorithms and performance

Ermedahl, A.; Hansson, H.; Papatriantafilou, M.; Tsiqas, P.;

Real-Time Computing Systems and Applications, 1998. Proceedings. Fifth International Conference on , 27-29 Oct. 1998

Pages:257 - 266

[Abstract] [PDF Full-Text (152 KB)] IEEE CNF

7 A locking protocol for multilevel secure databases using two commit versions

Pal, S.;

Computer Assurance, 1995. COMPASS '95. 'Systems Integrity, Software Safety and Process Security'. Proceedings of the Tenth Annual Conference on , 25-29 June 1995

Pages:197 - 210

[\[Abstract\]](#) [\[PDF Full-Text \(1132 KB\)\]](#) **IEEE CNF**

8 A two snapshot algorithm for concurrency control in multi-level security databases

Ammann, P.; Jaeckle, F.; Jajodia, S.;

Research in Security and Privacy, 1992. Proceedings., 1992 IEEE Computer Society Symposium on , 4-6 May 1992

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Modeling, Analysis, and Simulation of Computer and Telecommunications Systems, 2004. (MASCOTS 2004). Proceedings. The IEEE Computer Society's 12th Annual International Symposium on , 4-8 Oct. 2004

Pages:596 - 603

[\[Abstract\]](#) [\[PDF Full-Text \(307 KB\)\]](#) IEEE CNF
2 User level techniques for improvement of disk I/O in WWW caching*Keni-chi Chinen; Eiji Kawai; Kadobayashi, Y.; Yamaguchi, S.;*

Systems, Man, and Cybernetics, 2001 IEEE International Conference on , Vol. 5 , 7-10 Oct. 2001

Pages:3033 vol.5

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Disk Performance Enhancement through Markov-based Cylinder.. - Robert Geist (1992) (Correct) (1 citation)
user workloads, access to a file index node (**inode**) is often immediately followed by access to the
Disk Allocation Regions (DAR's) which contain both **inodes** and the associated contiguous file blocks. This
www.cs.unr.edu/~fredh/papers/conf/dpetmcr/acm.ps

Structuring the Kernel as a Toolkit of Extensible, Reusable.. - Christopher Small (1995) (Correct) (2 citations)
by changing the indexing structure (to use an **inode**, B-tree, hash table, or extent-based index)the
www.eecs.harvard.edu/~vino/vino/papers/iwoos-95.ps

Unifying File System Protection - Christopher Stein John (2001) (Correct) (10 citations)
with the file system pointers. For example, the UFS **inode**, the on-disk structure representing a file,
block, necessitating a synchronous write of the **inode** before the data block, even if the block is
www.pdos.lcs.mit.edu/6.824/papers/pfs.pdf

Dynamic Metadata Management for Petabyte-scale File Systems - Sage Weil Sage (Correct)
small input value for the algorithm, such as an **inode** number. In our system, that value is augmented by
to metadata records for files and directories (**inodes**) and operations like rename and unlink
updates and advanced file system features like **snapshots**. OSDs appear to be an appropriate choice for
ssrc.cse.ucsc.edu/Papers/weil-sc04.pdf

Disk Subsystem Performance Evaluation: From Disk Drives to.. - Ruwart (2000) (Correct) (1 citation)
Application I/O request (such as space allocation, **inode** lookups, etc.) I/O performance testing
romulus.gsfc.nasa.gov/msst/conf2000/PAPERS/A01PA.PDF

Experiences with Load Distribution on top of the Mach.. - Milojevic, Giese, Zint (1993) (Correct) (1 citation)
consistency semantics of the current pagers #e.g. **inode** and default pager# to a distributed environment.
tasks #Krue91#This requires modifications to the **inode** and default pager. It is opposite to what we do.
www.hpl.hp.com/personal/Dejan_Milojevic/sedmsiv.pdf

Impact of Interactive Multimedia on Client-Server Performance - Schloss, Niranjana, Vernick (1994) (Correct)
as for each of its strands, such as the strands' **inode** numbers, recording rates, formats and compression
www.ecsl.cs.sunysb.edu/~vernick/Papers/ismm94.ps

Notes on the Implementation of a Remote Fork Mechanism - Jonathan Smith John (1989) (Correct) (1 citation)
of the implementation is the notion of a universal **inode** pointer these effectively provide uniform
ftp.cs.columbia.edu/listserv/reports/cucs-365-88.ps.gz

Operating systems security - As The Operating (Correct)
to files. Unix files use descriptors, called **inodes**, to hold access permissions. The **inode** for a
called **inodes**, to hold access permissions. The **inode** for a file is brought into memory when the file
www.cse.fau.edu/~ed/OSsec.pdf

SunPerformanceTuningOverview - Part No Revision (Correct)
Cache (dnlc) 45 **Inode** Cache .
A System. 1. The Fat Fast Filesystem Supports More **Inodes** Per Filesystem Than The Regular Bsd Ffs. The
ftp.informatik.uni-stuttgart.de/pub/sun/doc/SunPerfOvDec93.ps.gz

Transforming Lattices into Non-deterministic Automata with - Optional Null Arcs (Correct)
arcs) and pointers to the initial **inode** and final **inode**. An **inode** has a label and lists of incoming **lares**
acl.ldc.upenn.edu/P/P98/P98-2197.pdf

Metadata Update Performance in File Systems - Ganger, Patt (1994) (Correct) (39 citations)
 allocated block should not be added to a file's **inode** before the block is initialized on stable flag-based approach. The asynchronous write of the **inode** (or indirect block) is issued as a Part-NR
www.ece.cmu.edu/~ganger/papers/osdi94.ps

A File System for Information Management - Mic Bowman (1994) (Correct) (10 citations)
 type information. For example the mode field in the **inode** serves to identify ordinary files, directories,
thor.csie.ntu.edu.tw/notebook/reviewed_paper/references/harvest-proj/iims.ps.gz

Recent Filesystem Optimisations in FreeBSD - Dowse, Malone (2002) (Correct) (9 citations)
 function, which expresses a preference for which **inode** should be used for a new directory. The groups with above the average number of free **inodes**, the one with the smallest number of directories. 5.0-current, soft updates has been combined with **snapshots** to remove the need for a full fsck at startup
ftp.maths.tcd.ie/pub/tcdmath/tcdm0206.ps.gz

USENIX Association - Fast Conference On (1992) (Correct) (2 citations)
 typical writing process in an LFS. Data blocks and **inode** blocks are first assembled in a segment buffer to Meta-data structures including summary block and **inode** map are also developed. We built a checkpoint
www.usenix.org/publications/library/proceedings/fast02/full_papers/wang/wang.pdf

Design Considerations for the Symphony Integrated.. - Prashant Shenoy Pawan (Correct)
 failure recovery, and (4) a two level meta data (**inode**) structure that enables data type specific -Byte offset Figure 8: The structure of the video **inode**. Assuming that a video file contains n
lass.cs.umass.edu/papers/pdf/symphonyjournal.pdf

A Class-Based Disk Scheduling Algorithm: Implementation and.. - Bennett, Melski (1994) (Correct) (1 citation)
 3 In Linux, all writes that maintain directory and **inode** structures are timecritical. Time-limited: A
www.cs.wisc.edu/~sbennett/class_papers/os_paper.ps

Richard Cutler, Zhu Li, Armin Roell International.. - December Copyright.. (Correct)
 .78 4.6.1.1 **Inode** Flags.
 simple lock type to serialize access to the in-core **inode** of a file or directory on a JFS file system. This
www.pik-potsdam.de/~bloh/pdf/ai43_difference_guide.pdf

Linux Kernel Hash Table Behavior: Analysis and Improvements - Lever (2000) (Correct)
 high-usage data objects such as pages, buffers, **inodes**, and others. In this report we find significant relies on hash tables to manage pages, buffers, **inodes**, and other kernel-level data objects. Why worry and a 16384 bucket hash table. This histogram **snapshot** was made at approximately the same points during
www.citi.umich.edu/techreports/reports/citi-tr-00-1.ps.gz

Inference in DATR - Roger Evans Gerald (1989) (Correct) (35 citations)
 by the following set of rules: senten] **Inode**[path] lvalue]node[path] value]
acl.ldc.upenn.edu/E/E89/E89-1009.pdf

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Multilingual Information Exchange through the World-Wide Web - Takada (1994) (Correct) (1 citation)
character sets in one Mosaic. Figure 1 and 2 show **snapshots** of Mosaic-L10N window. Figure 1: A **snapshot** of show **snapshots** of Mosaic-L10N window. Figure 1: A **snapshot** of Mosaic-L10N window (in Greek) Figure 2: A of Mosaic-L10N window (in Greek) Figure 2: A **snapshot** of Mosaic-L10N window (in Japanese) 4 How
www1.cern.ch/PapersWWW94/takada.ps

Refining First-Class Stores - Gregory Morrisett (Correct) (2 citations)
disjoint regions. First-class stores are **snapshots** of values of mutable objects associated with a The function current store conceptually returns a **snapshot** of the store associated with the store name returns the store name that a captured store is a **snapshot** of. 3 Applications Leeman [9] gives an
cs.cornell.edu/Info/People/jgm/papers/jgmorris-callcs.ps

Integrating Statistical Methods for Characterizing Causal.. - Howe, Amant, Cohen (1994) (Correct) (1 citation)
and path analysis models within a temporal **snapshot**. We explain the integration of the techniques series and the other for modelling a temporal **snapshot**. This section explains how the two methods can and to the environment's rate of change. 2.3 **Snapshots** of Influences: Path Analysis Historically,
ftp.cs.colostate.edu/pub/TechReports/1994/tr-115.ps.Z

Dual-Buffering Strategies in Object Bases - Alfons Kemper (1994) (Correct) (13 citations)
in optimizing objectoriented database systems was **addressed**. Buffer management was studied intensively by oid13 oid7 oid12 oid11 pidF global_free Figure 1: **Snapshot** of a Dual-Buffer Pool (copied) object is into an object-based segment. Fig. 1 shows a **snapshot** of a dual-buffer pool. This buffer is segmented
pi3.informatik.uni-mannheim.de/publications/vldb94.dualbuffering.ps

A Robust Human-Silhouette Extraction Technique for Interactive.. - James Davis (1998) (Correct) (3 citations)
background subtraction (as used in [3, 7, 15]) A **snapshot** of the environment containing no people is (e.g. a person) in the environment. Using the **snapshot** allows a more natural scene, rather than just a
vismod.www.media.mit.edu/~jdavis/NewPapers/capttech98.ps

High performance simulation of thermal convection using.. - Witold Alda (Correct)
of this process remains constant. Sample **snapshot** of particle coordinates forming convection to the interactions with neighbours. Fig. 3. **Snapshot** of larger (light grey) and smaller (black)
www.icsr.agh.edu.pl/publications/ps/hpcn97p.ps.gz

Distributed Object Management in Thor - Liskov, Day, Shrira (1993) (Correct) (41 citations)
Typically, the client program runs in a separate **address** space from the FE, so that errors in the client Thor is an ongoing project, and this paper is a **snapshot**: we describe our first design and a partial
ballesta.inrialpes.fr/Interne/doc/projects/thor/dist-mgmt.ps.gz

A Distributed Garbage Collector for Active Objects - Puaud (1994) (Correct) (7 citations)
garbage in systems of active objects was first **addressed** in the framework of Actor-based languages [7] global garbage collector that maintains a global **snapshot** of the system state relevant to garbage garbage collectors in order to record a global **snapshot** of the system state relevant to garbage
www.twente.research.ec.org/broadcast/trs/.papers/54.ps

The Object-Oriented Paradigm - Kung (1991) (Correct)
model into a good software design has seldom been **addressed** 4 and 4) since functions and data are aspects are specified in two separate models: a **snapshot** model and a process model. The drawbacks of this of this approach are: 1) consistency between the **snapshot** model and the process model is difficult to
pepe.uta.edu/pub/publications/oop.ps

Soaring through hyperspace: A snapshot of Hyper-G and its... - Andrews, Kappe (1994) (Correct) (2 citations)
Austria, June 1994. Soaring through hyperspace: A snapshot of Hyper-G and its Harmony client Keith Andrews for release in mid-1994. This paper presents a snapshot of the current status of Hyper-G and Harmony, viewers. 4 Concluding Remarks We have presented a snapshot of the current status of Hyper-G and its
ftp.unibw-muenchen.de/pub/comp/infosys/Hyper-G/papers/egmm94.ps.gz

An Approach to Fault-tolerant Parallel Processing on... - Karpjoo Jeong (1997) (Correct) (1 citation)
may be lost upon tuple space failure. PLinda addresses this problem by checkpointing tuple space visible to other processes. We call this the step snapshot. On recovery from failure, a new process overhead. 2.3 Continuation Committing: Step Snapshot PLinda supports a continuation committing
kkucc.konkuk.ac.kr/~jeongk/index-directory/ftcs97-plinda.ps

Explaining Phi Without Dennett's Exotica: Good Ol' Computation... - Bringsjord (1996) (Correct)
you can experience and react to. Figure 1: Snapshot of Possible Configuration of our Web-based Phi for people across the globe to experience. 1 A snapshot of our system is shown in Figure 1, with the eyes detect compare the schematic here with the snapshot shown in Figure 1. If the machine takes in this
www.rpi.edu/~brings/SELPAP/phi.ps

Synthesis And Coding Of Continuous Speech With The Nonlinear... - Kubin (1996) (Correct) (1 citation)
To illustrate this point, fig. 2 displays several snapshots obtained by time-domain windowing of continuous windowing of continuous speech. The first snapshot shows the extremely fast onset of a limit cycle cycle for the word-initial nasal [n] the second snapshot an almost periodic vowel attractor, and the
www.nt.tuwien.ac.at/nthft/dipl_diss_veroeff/papers/ku_icassp_96.ps

Efficient Detection of Restricted Classes of Global Predicates - Craig Chase (1995) (Correct)
The first approach is based on the global snapshot algorithm by Chandy and Lamport [CL85, Bou87, repeated computation of consistent global snapshots of the computation until the desired predicate q may turn true only between two successive snapshots. Further, their approach does not provide any
www.ece.utexas.edu/~chase/papers/wdag-95.ps

Data Structures For Page Readers - Baird, Ittner (1995) (Correct) (5 citations)
Architectural issues in page readers have been addressed in 8,9,10 more abstractly than we do. purely symbolic form. The data structure can be snapshot in machine- and OS-independent peripheral files. to share results, we wanted to be able to "snapshot" the d/s at any stage of analysis and
cm.bell-labs.com/who/hsb/dspr.ps.gz

A Survey of Active Network Research - Tennenhouse, Smith, Sincoskie.. (1997) (Correct) (370 citations)
referred to as active networking, emerged to address these issues. The idea of messages carrying the realization of active networks and provide a snapshot of the current research issues and activities. "in" the network. This article provides a current snapshot of active network research activities,
ftp.tns.lcs.mit.edu/pub/papers/ieeecomms97.ps.gz

An Overview of TQuel - Snodgrass (1993) (Correct) (10 citations)
and physical storage strategies, can best be addressed in terms of the algebra. The relational as closure, completeness, and reducibility to the snapshot algebra. We also show how each TQuel statement relation (consisting of a sequence of snapshot relation states) or a bitemporal relation
ftp.cs.arizona.edu/reports/1992/TR92-22.ps.Z

Temporal and Real-Time Databases: A Survey - Ozsoyoglu, Snodgrass (1995) (Correct) (84 citations)
and list several research questions that should be addressed next. Keywords: object-oriented database, contents of the database may be viewed as a snapshot of the enterprise. Additionally, conventional book edited by Tansel provides a still-current snapshot of temporal databases research [207] Several
confman.unik.no/~paalh/ARTIKLER/T-RT-DBS.ps.Z

Modeling and Control of Physical Processes using Proper... - Ly, Tran (1999) (Correct) (9 citations)
is to start with an ensemble of data, called snapshots, collected from an experiment or a numerical produce a set of basis functions which spans the snapshot collection. When these basis functions are used is to represent an ensemble of data (called snapshots) obtained from physical experiments or from
ftp.ncsu.edu/pub/ncsu/crsc/crsc-tr98-37.ps.Z

A Model-Based Approach to Analogical Reasoning and Learning in... - Bhatta (1992) (Correct)

et al.1989]However, most of these models **address** only one or two stages of analogical reasoning.

Examples :40 20 A **snapshot** of IDeAL's case memory :

functional indices for design cases 50 iv 27 A **snapshot** of IDeAL's case memory after storing the design
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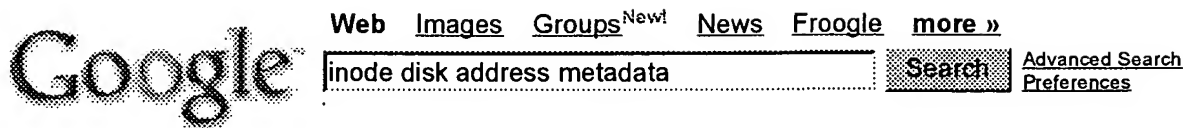
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[A Holesome File System - Darren Erik Vengroff](#) [\(Correct\)](#)

the corresponding block pointers in the **inode metadata** are simply set to zero [LMKQ89, page 194] In ext2 file system, designed by R'emy Card. The **inode metadata** structure is identical to that described <ftp.cs.duke.edu/pub/dev/papers/Holesome.ps.Z>

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What's New in OCFS2. o Disk format now deals in blocks and ...

... Object addresses (inodes, extent metadata) are now in ... Extents are now stored on disk as a (file-virtual-cluster-offset, num-clusters, disk-block-offset ...

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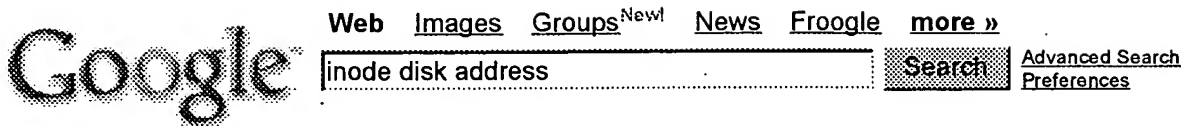
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Results 1 - 10 of about 96,800 for **inode disk address**. (0.27 seconds)

[DOC] Disk Address of a Block of Data

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... The super block (usually one **disk block**) of the root file system must be in memory. Calculate an **inode address** by **inode** number. blk_num ...

www.cs.cityu.edu.hk/~jia/cs4273/unix-fs.doc - [Similar pages](#)

[PPT] CPM (Control Program for Microcomputers)

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... record. Physical block #'s. Unix. Recall that in **inode** structure, one entry in the **inode** points to additional **disk addresses**. Unix ...

www.cs.stevens-tech.edu/~quynh/courses/cs492-fa04/sample_filesystems.ppt - [Similar pages](#)

[PPT] Hard Disk Partitions

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... links != count) and (count == 0) link **inode** into /lost+found directory with **inode** number as ... Use hash table for quick search – hash on device and **disk address**. ...

www.cs.stevens-tech.edu/~quynh/courses/cs492-fa04/filesystems3.ppt - [Similar pages](#)

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ufs inodes

... two arrays comprising a total of 15 **disk-block addresses** (see ``The ufs **inode's disk block addresses**``). ... The ufs **inode's disk block addresses**. ...

uw713doc.sco.com/en/FS_admin/_ufs_inodes.html - 7k - [Cached](#) - [Similar pages](#)

s5 inodes

... date and time the file was created. The s5 **disk inode's disk block addresses**.

The array of 13 **disk block addresses** is the heart of the **inode**. ...

uw713doc.sco.com/en/FS_admin/_s5_inodes.html - 7k - [Cached](#) - [Similar pages](#)

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Class Notes for Operating Systems

... Fix: Take the shorter of the two, and adjust the other to correspond. Invalid **disk address** / block number in **inode**. File is probably hopelessly corrupted. ...

www.cs.nyu.edu/courses/spring04/V22.0202-003/lecture-18.html - 12k - [Cached](#) - [Similar pages](#)

GPFS V2.3 Problem Determination Guide - The mmfileid command

... The command output has this format: **inode** number Logical **Disk Address** snapshotid

filename Notes: You must have root authority to run the mmfileid command. ...

publib.boulder.ibm.com/infocenter/clresctr/topic/com.ibm.cluster.gpfs.doc/gpfs23/bl1pdg10/bl1pdg1022.html - 9k

- [Cached](#) - [Similar pages](#)

[PPT] snap.nlc.dcccd.edu/learn/frazer2/ppt/Files.ppt

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... file has changed so **inode** has also changed. Number of processes using **inode** and file. Device ID and **disk address** where **inode** is located. Current file position. ...

[Similar pages](#)

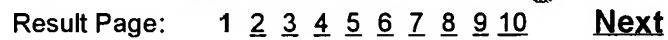
Google Answers: Log-Structured File System

... file. So, for a small file, (up to 10 blocks), simply read the **inode**, look

answers.google.com/answers/threadview?id=434749 - 12k - Cached - Similar pages

... Blocks that are not currently being used as **inodes**, as indirect **address** blocks, or as ... of fragments to prevent fragmentation from degrading **disk** performance. ...

docsun.cites.uiuc.edu/sun_docs/C/solaris_9/SUNWadm/SYSADV1/p173.html - 12k - Cached - Similar pages



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